

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
INFORMATION SYSTEMS ANALYST I - 1151

Note: formerly Assistant Data Systems Coordinator

DEFINITION:

Under general supervision, to coordinate the development, testing, implementation, and modification of department information systems of average complexity utilizing in-house staff or private computer vendors as resources; to provide hardware/software technical support to end users in the day-to-day operation of systems of average complexity; and to perform related work.

DISTINGUISHING CHARACTERISTICS:

This is the sub-journey class in the Information Systems Analyst series. Most positions are classified at the Information Systems Analyst II level, which is the fully experienced or journey-level class. In a training capacity, positions may be underfilled with Information Systems Analyst I in accordance with the City's Career Advancement Program. This class is distinguished from the next higher class, Information Systems Analyst II, in that Information Systems Analyst I typically design, implement, and maintain automated information systems of a narrower scope and receive more direction and guidance in their assignments.

*** EXAMPLES OF DUTIES:**

- In a training capacity, reviews and evaluates requests to automate manual procedures;
- Provides hardware/software technical support to end users in the day-to-day operation of systems;
- Defines user requirements;
- Assists in and prepares cost/benefit analyses for new systems to be developed;
- Justifies and prioritizes new system development and/or software and hardware enhancements to existing systems;
- Analyzes the impact of new automation on existing systems;
- Coordinates and participates in the analysis, design, implementation, and integration of new systems and applications;
- Performs business process analysis and modeling;
- Develops minor computer applications using various generation programming languages or off-the-shelf software;
- Reviews and recommends changes in existing and proposed systems to reduce duplication of effort, resolve conflicts in system requirements, and broaden the potential application of systems;
- Compiles and maintains system documentation;

* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.

- Identifies system malfunctions and recommends and coordinates their resolution;
- Generates a variety of specialized statistical and operational reports as requested;
- Provides technical interpretation to department management and operational interpretation to staff and private computer vendors;
- Develops and provides procedures training to user personnel;
- Prepares, monitors, and analyzes the department's data processing budget;
- Reviews new technology to determine suitability for department use;
- Represents the department on technical committees;
- Maintains records and prepares reports;
- May supervise technical support personnel.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

A Bachelor's Degree or equivalent education (i.e., minimum completed units equal to 120 semester/180 quarter units); **AND** one year of recent full-time information management experience (within the last five years) which must include as primary job functions all of the following: information systems management, systems problem solving, systems design and analysis, and providing technical assistance to others on major computer systems which are run on a variety of platforms.